

Form PTO-1390 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTORNEY'S DOCKET NUMBER <b>GC840-US</b>
<b>TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A FILING UNDER 35 U.S.C. 371</b>		U.S. APPLICATION NO. (If known, see 37 CFR 1.5) <b>[Unassigned] 0/591681</b>
INTERNATIONAL APPLICATION NO. <b>PCT/US2005/014182</b>	INTERNATIONAL FILING DATE <b>25 April 2005 (25.04.2005)</b>	PRIORITY DATE CLAIMED <b>26 April 2004 (26.04.2004)</b>
<b>TITLE OF THE INVENTION</b> <b>Population Based Prediction Methods for Immune Response Determinations and Methods for Verifying Immunological Response Data</b>		
<b>APPLICANT(S) FOR DOE/EO/US</b> <b>HARDING, Fiona A., 772 Lewis Street, Santa Clara, CA 95050, U.S.A.</b>		
<p>Applicant herewith submits to the United States Designated/Elected Office (do/eo/us) the following items and other information:</p> <ol style="list-style-type: none"> <li>1. <input checked="" type="checkbox"/> This is a <b>FIRST</b> submission of items concerning a filing under 35 U.S.C. 371.</li> <li>2. <input type="checkbox"/> This is a <b>SECOND</b> or <b>SUBSEQUENT</b> submission of items concerning a filing under 35 U.S.C. 371.</li> <li>3. <input type="checkbox"/> This is an express request to begin national examination procedures (35 U.S.C. 371(f)) at any time rather than delay examination until the expiration of the applicable time limit set in 35 U.S.C. 371(b) and PCT Articles 22 and 39(I).</li> <li>4. <input type="checkbox"/> A proper Demand for International Preliminary Examination was made by the 19th month from the earliest claimed priority date.</li> <li>5. <input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371(c)(2)) <ul style="list-style-type: none"> <li>a. <input checked="" type="checkbox"/> is transmitted herewith (required only if not transmitted by the International Bureau).</li> <li>b. <input type="checkbox"/> has been transmitted by the International Bureau.</li> <li>c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US).</li> </ul> </li> <li>6. <input type="checkbox"/> A translation of the International Application into English (35 U.S.C. 371(c)(2)).</li> <li>7. <input type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3)) <ul style="list-style-type: none"> <li>a. <input type="checkbox"/> are transmitted herewith (required only if not transmitted by the International Bureau).</li> <li>b. <input type="checkbox"/> have been transmitted by the International Bureau.</li> <li>c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired.</li> <li>d. <input type="checkbox"/> have not been made and will not be made</li> </ul> </li> <li>8. <input type="checkbox"/> A translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).</li> <li>9. <input type="checkbox"/> An oath or declaration of the inventor/s (35 U.S.C. 371(c)(4)).</li> <li>10. <input type="checkbox"/> A translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).</li> </ol> <p><b>Items 11 to 20 below concern document/s or information included:</b></p> <ol style="list-style-type: none"> <li>11. <input type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98.</li> <li>12. <input type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.</li> <li>13. <input type="checkbox"/> A preliminary amendment.</li> <li>14. <input type="checkbox"/> An Application Data Sheet under 37 CFR 1.76</li> <li>15. <input type="checkbox"/> A substitute specification.</li> <li>16. <input type="checkbox"/> A change of power of attorney and/or change of address letter.</li> <li>17. <input type="checkbox"/> A computer-readable form of the sequence listing according to PCT Rule 13ter.2 and 37 CFR 1.621-1.825</li> <li>18. <input type="checkbox"/> A second copy of the published international Application under 35 USC 154(4)(4)</li> <li>19. <input type="checkbox"/> A second copy of the English language translation of the Int'l Appln. under 35 USC 154(4)(4)</li> <li>20. <input type="checkbox"/> Other items of information:  ■ ■</li> </ol>		

U.S. APPLICATION NO. (Section 37 CFR 1.1)		INTERNATIONAL APPLICATION NO.	ATTORNEY'S DOCKET NUMBER																						
<b>107591681</b> Unassigned		PCT/US2005/014182	GC840-US																						
<p><b>The following fees are submitted:</b></p> <p>21. <input checked="" type="checkbox"/> Basic National Fee \$ 300 \$ 300</p> <p>22. <input checked="" type="checkbox"/> Examination fee If International Prelim Examination Report prepared by USPTO and all claims satisfy provision of PCT Article 33(1)-(4), examination fee will be waived All other situations \$ 200 \$ 200</p> <p>23. <input checked="" type="checkbox"/> Search fee <input type="checkbox"/> Search fee has been paid on the International Application To the USPTO as an International Searching Authority \$ 100 <input checked="" type="checkbox"/> International Search Report prepared and provided To the Office \$ 400 <input type="checkbox"/> All other situations \$ 500</p> <p><b>TOTAL of 21, 22 and 23</b> \$ 400 <b>\$ 900</b></p>				CALCULATIONS	PTO USE ONLY																				
<input checked="" type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding seq listing or computer program listing). The fee is \$250 for each additional 50 sheets of paper or Fraction thereof																									
<table border="1"> <thead> <tr> <th>Total sheets</th> <th>Extra Sheets</th> <th>Number of each additional 50 or fraction thereof (round up to whole number)</th> <th>Rate</th> </tr> </thead> <tbody> <tr> <td>103 - 100 =</td> <td>3/50 =</td> <td>1 X</td> <td>\$250</td> </tr> </tbody> </table>				Total sheets	Extra Sheets	Number of each additional 50 or fraction thereof (round up to whole number)	Rate	103 - 100 =	3/50 =	1 X	\$250	\$ 250													
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103 - 100 =	3/50 =	1 X	\$250																						
Surcharge of \$130 for furnishing the oath or declaration later than 30 months from the earliest claimed priority date (37 CFR 1.492(4)).				\$																					
<table border="1"> <thead> <tr> <th>CLAIMS</th> <th>NUMBER FILED</th> <th>NUMBER EXTRA</th> <th>RATE</th> </tr> </thead> <tbody> <tr> <td>Total Claims</td> <td>47</td> <td>- 20 =</td> <td>27 x \$ 50.00</td> </tr> <tr> <td>Independent claims</td> <td>4</td> <td>- 3 =</td> <td>1 x \$200.00</td> </tr> <tr> <td colspan="3">MULTIPLE DEPENDENT CLAIM(S) (if applicable)</td> <td>+ \$360.00</td> </tr> <tr> <td colspan="4" style="text-align: right;"><b>SUBTOTAL =</b></td> </tr> </tbody> </table>				CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE	Total Claims	47	- 20 =	27 x \$ 50.00	Independent claims	4	- 3 =	1 x \$200.00	MULTIPLE DEPENDENT CLAIM(S) (if applicable)			+ \$360.00	<b>SUBTOTAL =</b>				\$1,800	
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Processing fee of \$130 for furnishing the English translation later than <input type="checkbox"/> 20 <input type="checkbox"/> 30 months from the earliest claimed priority date (37 CFR 1.492(f)).				\$																					
<b>TOTAL NATIONAL FEE =</b>				\$																					
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property				\$																					
<b>TOTAL FEES ENCLOSED =</b>				\$2,700																					
				Amount to be refunded: \$ charged: \$																					
<p>a. <input type="checkbox"/> A check in the amount of \$ _____ to cover the above fees is enclosed.</p> <p>b. <input checked="" type="checkbox"/> Please charge my Deposit Account No. <b>07-1048</b> in the amount of \$2,700 to cover the above fees. A duplicate copy of this sheet is enclosed.</p> <p>c. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. <b>07-1048</b>. A duplicate copy of this sheet is enclosed.</p>																									
<p><b>NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status.</b></p>																									
<p>SEND ALL CORRESPONDENCE TO:</p> <p><b>Kamrin T. MacKnight</b> GENENCOR INTERNATIONAL, INC. 925 PAGE MILL ROAD PALO ALTO, CALIFORNIA 94304-1013</p> <p><b>Tel. 650-846-5838</b> <b>Fax 650-845-6504</b></p>																									
 <b>Kamrin T. MacKnight</b> <small>(printed name)</small>																									
Registration Number: 38,230																									

10/591681

AP20 Rec'd PCT/PTO 05 SEP 2006

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

IN THE UNITED STATES DESIGNATED/ELECTED OFFICE

In re Patent Application of

Fiona A. Harding

US Serial No. [please provide]

Based on PCT/US2005/014182, filed 25.04.2005

For: Population Based Prediction Methods for  
Immune Response Determinations and  
Methods for Verifying Immunological  
Response Data

TRANSMITTAL  
OF PATENT APPLICATION  
UNDER 35 USC 371

EV514828317US

I hereby certify that this paper and attachments are being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated hereunder and is addressed to the *Mail Stop PCT*, Commissioner of Patents, PO Box 1450, Alexandria, VA. 22313-1450

Date: 5 September 2006

By:   
Carol A. See

**Mail Stop PCT**  
Honorable Commissioner of Patents  
PO Box 1450  
Alexandria, VA. 22313-1450

Dear Sir:

Attached, for entering the national phase of International Patent Application PCT/US2005/014182, are the following documents:

1. Form PTO 1390 - Transmittal Letter to the US DO/EO/US Concerning a Filing under 35 USC 371;
2. International Patent Publication WO 2005/119259

Respectfully submitted,

GENENCOR INTERNATIONAL, INC.

Date: 5 September 2006

By:   
Kamrin T. MacKnight  
Reg. No. 38,230

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Palo Alto, California 94304-1013  
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